HRSD
P.O. BOX 5902, VIRGINIA BEACH, VIRGINIA 23471-0902 (757) 460-7045 FAX: (757) 464-3985
www.hrsd.com

April 13, 2011

Certified Mail/Return Receipt 7009 2250 0002 7654 5141

Naval Facilities Engineering Command Mid-Atlantic
Ms. Kristen Bass
Director, Water & Wastewater Compliance
1510 Gilbert Street, Building N26, Room 3208
Norfolk, VA 23511-2737

Dear Ms. Bass:

Enclosed is HRSD Industrial Wastewater Discharge Permit No. 0154. Please note the following revisions to your permit.

- The revised facility name on Page I.
- The revised list of pretreatment devices in special conditions on Pages V-A through V-D.

Please discard all current Permit pages and replace with this revised Permit.

Should you have any questions, please feel free to contact Mr. Matthew J. Cox of this office at (757) 460-7048 or Facsimile, (757) 464-3985.

Sincerely,

Ronald E. Johnson
Chief of Pretreatment & Pollution Prevention

REJ/mem

Enclosure

cc: Mr. Ryan Winz, Water Program Manager
Ms. Melinda Woodruff, DEQ, TRO

Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0154

Addendum 04/13/11

In accordance with all terms and conditions of the Hampton Roads Sanitation District Industrial Wastewater Discharge Regulations, and in accordance with any applicable provision of Federal or State law or regulation;

Permission is Hereby Granted to: **Department of the Navy, Commander, Navy Region, Mid-Atlantic, 1510 Gilbert Street, Norfolk, VA 23511-2737 for Naval Station Norfolk, Norfolk, Virginia 23511**

Classified by NAICS No. **928110 - Significant Industrial User**

For the contribution of **Industrial Wastes (Naval Base)**

into the Hampton Roads Sanitation District at **99th Street Pump Station (Chambers Field, Taussig Boulevard and Sewells Point Waterfront); Hampton Boulevard–Force Main (S&S Piers and Submarine Training Facility); Hampton Boulevard adjacent to S&S Piers Gravity Discharge Line NNSY (CEP-200); Hampton Boulevard Discharge from Final Pump Station (Building NH-200, Joint Forces Staff College); Army Base Gravity Line (Firefighting School); Hampton Boulevard (BEN 138 Force Main)**

This Permit is based on information provided in the Permit application, which together with the following conditions and requirements is considered a part of this Permit. This Permit is not transferable.

Effective **1st** day of **June** 2010

To Expire **31st** day of **May** 2013

General Manager
(By Direction)

Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0154

EFFLUENT DISCHARGE LIMITATIONS

The following referenced parameters are known to exist in the Permittee's discharge through information provided in the Permit application. The limitations set forth below shall be met at all times. In addition, all other effluent limitations and general discharge prohibitions set forth in the Hampton Roads Sanitation District's Industrial Wastewater Discharge Regulations (current) and all applicable Federal and State limitations shall be met.

Sampling Point Name: **TAUS (Taussig Boulevard)**		
Parameter (reported in mg/L unless otherwise indicated)	Calendar Month Average[1]	Calendar Day Maximum[2]
Arsenic (As)	0.03	0.03
Cadmium (Cd)	0.03	0.03
Chromium, Total (Cr)	0.8	1.7
Copper (Cu)	0.8	1.7
Cyanide (CN-)	0.2	0.3
Lead (Pb)	0.3	0.7
Mercury (Hg)	0.004	0.007
Nickel (Ni)	0.3	0.7
Phenolic Compounds	0.3	0.7
Silver (Ag)	0.13	0.3
Zinc (Zn)	0.9	1.8
Oil & Grease (SGT-HEM) (O&G)[3]	50	50
pH (s.u.)	≥5.0	≥5.0
Flow (GPD)[4]	534,000	1,068,000
Toxic Organics (TO)[5]		2.13

[1] Average of any number of daily values obtained during a calendar month.
[2] Maximum for any sample obtained during any calendar day.
[3] There shall be no visible free oil present.
[4] The flow quantities listed are not enforced as Permit limitations.
[5] No single parameter or BTEX concentration shall exceed 1.0 mg/l.

Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0154

EFFLUENT DISCHARGE LIMITATIONS

The following referenced parameters are known to exist in the Permittee's discharge through information provided in the Permit application. The limitations set forth below shall be met at all times. In addition, all other effluent limitations and general discharge prohibitions set forth in the Hampton Roads Sanitation District's Industrial Wastewater Discharge Regulations (current) and all applicable Federal and State limitations shall be met.

Sampling Point Name: **DENT (Dental Clinic)**		
Parameter (reported in mg/L unless otherwise indicated)	Calendar Month Average[1]	Calendar Day Maximum[2]
Arsenic (As)	0.5	0.5
Cadmium (Cd)	0.5	0.5
Chromium (Cr)	10.0	25.0
Copper (Cu)	10.0	25.0
Cyanide (CN-)	2.5	5.0
Lead (Pb)	5.0	10.0
Mercury (Hg)	0.05	0.10
Nickel (Ni)	5.0	10.0
Phenolic Compounds	5.0	10.0
Silver (Ag)	1.25	2.5
Zinc (Zn)	10.0	25.0
Oil & Grease (SGT-HEM) (O&G)[3]	500	500
pH (s.u.)	≥5.0	≥5.0
Flow (GPD)[4]	6,900	9,900
Toxic Organics (TO)[5]		2.13

[1] Average of any number of daily values obtained during a calendar month.
[2] Maximum for any sample obtained during any calendar day.
[3] There shall be no visible free oil present.
[4] The flow quantities listed are not enforced as Permit limitations.
[5] No single parameter or BTEX concentration shall exceed 1.0 mg/l.

Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0154

EFFLUENT DISCHARGE LIMITATIONS

The following referenced parameters are known to exist in the Permittee's discharge through information provided in the Permit application. The limitations set forth below shall be met at all times. In addition, all other effluent limitations and general discharge prohibitions set forth in the Hampton Roads Sanitation District's Industrial Wastewater Discharge Regulations (current) and all applicable Federal and State limitations shall be met.

Sampling Point Name: **FFS (Firefighting School)**

Parameter (reported in mg/L unless otherwise indicated)	Calendar Month Average[1]	Calendar Day Maximum[2]
Arsenic (As)	0.1	0.1
Cadmium (Cd)	0.1	0.1
Chromium, Total (Cr)	2.0	5.0
Copper (Cu)	2.0	5.0
Cyanide (CN-)	0.5	1.0
Lead (Pb)	1.0	2.0
Mercury (Hg)	0.01	0.02
Nickel (Ni)	1.0	2.0
Phenolic Compounds	1.0	2.0
Silver (Ag)	0.25	0.5
Zinc (Zn)	2.0	5.0
Oil & Grease (SGT-HEM) (O&G)[3]	100	100
pH (s.u.)	≥5.0	≥5.0
Flow (GPD)[4]	70,000[4]	90,000[5]
Toxic Organics (TO)[6]		2.13
Total Suspended Solids (TSS)	300	500

[1] Average of any number of daily values obtained during a calendar month.
[2] Maximum for any sample obtained during any calendar day.
[3] There shall be no visible free oil present.
[4] This flow quantity is not enforced as a Permit limitation.
[5] **Daily (Monday - Friday) discharge shall not exceed this volume.** ***Daily (Saturday - Sunday) discharge shall not exceed 50,000 gpd as specified on Page V-D.***
[6] No single parameter or BTEX concentration shall exceed 1.0 mg/l.

Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0154

MONITORING REQUIREMENTS

The following sample(s) shall be collected as specified:

TAUS (Taussig Boulevard), DENT (Dental Clinic):

Sampling Point	Quantity	Type	Frequency	Parameter(s)
TAUS (Taussig Boulevard) Manhole L-101A off Taussig Boulevard	1	Composite[1,7]	Bi-Monthly[2]	Cd, Cr, Cu, Pb, Hg, Ni, Ag, Zn
TAUS (Taussig Boulevard) Manhole L-101A off Taussig Boulevard	1	Grab	Bi-Monthly[2]	pH, O&G[6], Phenolic Compounds[3]
TAUS (Taussig Boulevard) Manhole L-101A off Taussig Boulevard	1	Composite[4]	Semi-Annually by June 30th and December 31st[5]	TO[3]
DENT (Dental Clinic) Manhole CD-112, in the grass to the Northwest of the Dental Clinic	1	Grab	Bi-Monthly[2]	pH, Hg

[1] Comprised of at least fifteen (15) minute aliquots composited for twenty-four (24) hour process discharge day.
[2] First sample collected during **January** or **February**, the second sample collected during **March** or **April**, the third sample collected during **May** or **June**, etc...of each calendar year in varying months.
[3] All interference procedures must be performed.
[4] Comprised of a minimum of four (4) grab samples collected at two (2) hour intervals during an eight (8) hour discharge day and composited for laboratory analysis. Volatile organic samples are comprised of minimum of four (4) grab samples collected at two (2) hour intervals during an eight (8) hour discharge day which must be composited in the analytical laboratory or the four (4) samples can be analyzed separately and the results averaged.
[5] First sample collected between January and June and the second sample collected between July and December of each calendar year in varying months.
[6] Oil & Grease (O&G) samples must be collected, preserved, stored and transported in the same container. O&G samples shall not be obtained by pumping.
[7] Comprised of at least fifteen (15) minute aliquots composited for the twenty-four (24) hour process discharge day obtained in no fewer than 22 hours and no more than 26 hours.

Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0154

MONITORING REQUIREMENTS

The following sample(s) shall be collected as specified:

FFS (Firefighting School):

Sampling Point	Quantity	Type	Frequency	Parameter(s)
FFS (Firefighting School) equalization tank discharge manhole	1	Composite[1]	Monthly[2]	TSS
FFS (Firefighting School) equalization tank discharge manhole	1	Grab	Monthly[2]	pH

[1]Comprised of at least fifteen (15) minute aliquots composited for the process discharge day.
[2] On varying process discharge days throughout the month, including weekends when process discharges occur.

Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0154

GENERAL
MONITORING REQUIREMENTS
Addendum 07/16/10

TAUS (Taussig Boulevard), DENT (Dental Clinic), FFS (Firefighting School):

Certified results of *all* analyses for samples collected from the *permitted* sampling points in a calendar month must be received in this office by the tenth (10th) day of the following month. Transmitting data by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

All analyses shall be performed in accordance with Section 402 of the HRSD Industrial Wastewater Discharge Regulations.

Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0154

METERING REQUIREMENTS

Addendum 07/16/10

Metering shall be as follows:

#1 (99th Street) and DENT (Dental Clinic):

Quantity	Type	Purpose
3	Effluent	**#1 (99th Street)** – Billing
1	Process	**DENT (Dental Clinic)** – U. S. Navy Owned Influent Meter

All meters owned by the U. S. Navy shall be maintained and kept operational at all times. The effluent meters shall be certified as accurate to manufacturer's specifications annually and a copy of the certification shall be received in this office no later than December 31st of each year accompanied by an appropriately executed certification statement. Transmitting data by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

Monthly totalizer effluent meter readings for **#1 (99th Street)** must be received in this office by the tenth (10th) day of the following month. Transmitting summaries by facsimile is an acceptable method for meeting this deadline. However, all summaries must be received in this office within thirty (30) days following this date accompanied by an appropriately executed certification statement. Transmitting data by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

A letter certifying that the **DENT (Dental Clinic)** flows listed on Page II-B of this Permit are accurate shall be received in this office annually by December 31st of each year accompanied by an appropriately executed certification statement. Transmitting data by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

A semi-annual discharge report of the total average daily flow to manhole L-101A **TAUS (Taussig Boulevard)** must be accomplished. This report must be received in this office by June 30th and December 31st of each year accompanied by an appropriately executed certification statement. Transmitting data by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0154

METERING REQUIREMENTS

Addendum 07/16/10

Metering shall be as follows:

SSP (S&S Piers), FFS (Firefighting School), NNSY (CEP-200), Joint Forces Staff College:

Quantity	Type	Purpose
1	Effluent	**SSP (S&S Piers)**, Building CEP-167 – Billing
1	City	**FFS (Firefighting School)** – Billing
Each Discharge Day	Tank Soundings	**FFS (Firefighting School)** – Equalization Tanks #1 and #2
1	Bill	**NNSY (CEP-200)** – U. S. Navy Owned Influent Meter – Billing
2	City	**Joint Forces Staff College** – Billing
1	Effluent	**Joint Forces Staff College** – Surcharge Billing for NH200 Pump Station

All meters owned by the U. S. Navy shall be maintained and kept operational at all times. The U. S. Navy owned bill and effluent meters for the locations listed above, shall be certified as accurate to manufacturer's specifications annually and a copy of the certification shall be received in this office no later than December 31st of each year accompanied by an appropriately executed certification statement. Transmitting data by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

A monthly summary of daily discharge tank soundings and volumes for the equalization tanks at the **FFS (Firefighting School)** shall be received in this office in accordance with the data submittal requirements on Page III-D of this Permit.

METERING REQUIREMENTS (Cont'd)

Addendum 07/16/10

Metering shall be as follows:

SSP (S&S Piers), FFS (Firefighting School), NNSY (CEP-200), Joint Forces Staff College:

A monthly totalizer effluent meter reading for **SSP (S&S Piers)** must be received in this office by the tenth (10th) day of the following month. Transmitting data by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

Additional city meters are used for billing purposes at the following locations:

South Annex (SDA), N. Army Base (SDA), Family Services, Ben Morell Housing (2 meters), Fleet Recreation Park, Camp Allen Apartments, FS NAS Taussig (Gate 7, NAS Ammunition Area, 2 meters), Naval Base NAS (Gate 9, NAS Granby, 2 meters), Pass Office (CD-9), Ruthven Road (Golf Course) and Tour Center (CD-177).

Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0154

SPECIAL CONDITIONS

Addendum 04/13/11

#1 (99th Street), DENT (Dental Clinic), SSP (S&S Piers), Joint Forces Staff College:

All active oil/water separators, sedimentation traps, and valves must be inspected at least quarterly and maintained according to the manufacturer's specifications at all times. An inspection/service log must be maintained for these pretreatment devices indicating the inspector's initials, inspection date/time, sanitary/storm sewer valve direction (if applicable), and if oil and/or sediment residual removal is required, actions taken to service the pretreatment device. All other active pretreatment devices listed below shall be maintained according to the manufacturer's specifications at all times. Residual material removed from any industrial pretreatment device shall not be discharged directly or indirectly into the HRSD system.

Type [1]	Facility	Operation	Valve [2]
OWS	A80-OWS01	Heavy Equipment Washrack	
ST	A80-ST01	Heavy Equipment Washrack	
VLV	A80-VLV01	Heavy Equipment Washrack	SAN/STM(AUTO)
VLV	CA485-VLV01	Vehicle Washrack	SAN/STM(MAN)
VLV	CD2-VLV01	Vehicle Washrack	SAN/STM(MAN)
OWS	CD20-OWS01	Drum Storage Warehouse	
VLV	CD20-VLV01	Drum Storage Warehouse	NF/SAN(MAN)
OWS	CEP200-OWS01	Compressor Condensate	
PULP	IAA-PULP01	Galley	
ST	KBB-ST01	Fire Equipment Washrack	
OWS	KBB-OWS02	Fire Equipment Washrack	
	KBB-VLV01	Fire Equipment Washrack	SAN/STM(AUTO)
VLV	LF59-VLV01	Aircraft Maintenance/AFFF Isolation	SAN/AFFF(MAN)
VLV	LF59-VLV02	Aircraft Washrack	SAN/STM(MAN)
OWS	LF59-OWS01	Aircraft Washrack	
VLV	LF60-VLV01	Aircraft Maintenance/AFFF Isolation	SAN/AFFF(MAN)
OWS	LF64-OWS01	Aircraft Washrack	
ST	LF64-ST01	Aircraft Washrack	
VLV	LF64-VLV01	Aircraft Washrack	SAN/STM(AUTO)
OWS	LF65-OWS01	Aircraft Washrack	
ST	LF65-ST01	Aircraft Washrack	
VLV	LF65-VLV01	Aircraft Washrack	SAN/STM(AUTO)
VLV	LF66-VLV01	AFFF Isolation	SAN/AFFF(AUTO)
OWS	LF69-OWS01	Aircraft Washrack	
VLV	LF69-VLV01	Aircraft Washrack	SAN/STM(AUTO)
OWS	LP17-OWS01	Fuel Lab Operation	
ST	LP20-ST01	Vehicle Washrack	
ST	LP20-ST02	Vehicle Maintenance (Glass Polishing)	
OWS	LP20-OWS01	Vehicle Washrack	
OWS	LP20-OWS02	Transportation Washrack	
VLV	LP20-VLV01	Transportation Washrack	SAN/STM(AUTO)
VLV	LP21/LP48-VLV01	Aircraft Maintenance/AFFF Isolation	SAN/AFFF(AUTO)

SPECIAL CONDITIONS (Cont'd)

Addendum 04/13/11

#1 (99th Street), DENT (Dental Clinic), SSP (S&S Piers), Joint Forces Staff College:

Type[1]	Facility	Operation	Valve [2]
VLV	LP27-VLV01	Aircraft Maintenance/AFFF Isolation	SAN/AFFF(AUTO)
OWS	LP33-OWS01	Aircraft Maintenance	SAN
VLV	LP33-VLV01	Aircraft Maintenance/AFFF Isolation	SAN/AFFF(MAN)
VLV	LP34-VLV01	Aircraft Maintenance/AFFF Isolation	SAN/AFFF(MAN)
OWS	LP34-OWS01	Aircraft Maintenance	
OWS	LP35-OWS01	Aircraft/Vehicle Washrack	
VLV	LP35-VLV01	Aircraft Washrack	SAN/STM(MAN)
VLV	LP35-VLV02	Aircraft Washrack	SAN/STM(MAN)
VLV	LP35-VLV03	Aircraft Washrack/AFFF Isolation	SAN/AFFF(MAN)
VLV	LP35-VLV04	Aircraft Washrack	SAN/STM(MAN)
VLV	LP166-VLV01	Vehicle Washrack	SAN/STM(MAN)
VLV	LP123-VLV01	Aircraft Washrack	SAN/STM(MAN)
VLV	LP123-VLV02	Aircraft Washrack	SAN/STM(MAN)
OWS	LP123-OWS01	Aircraft Washrack	
OWS	LP205A-OWS01	Heavy Equipment Washrack	
OWS	MCA612-OWS01	Vehicle Washrack	
ST	MCA612-ST01	Vehicle Washrack (Screen)	
VLV	MCA612-VLV01	Vehicle Washrack	SAN/STM(AUTO)
SRU	NH31-SRU01	Photo Processing Lab	
VLV	NH31A-VLV01	Vehicle Washrack	SAN/STM(MAN)
OWS	NH94-OWS01	Diesel Generator Facility	
OWS	P1-OWS-02	Boiler Plant Operations (including boiler blowdown, process cooling water, and neutralized regeneration wastes)	
NT	P1-NT02	Boiler Plant Operation (including boiler blowdown and neutralized regeneration wastes)	
VLV	R43-VLV01	Vehicle Washrack	SAN/STM(MAN)
OWS	SP13/SP37-OWS01	Aircraft Washrack	
VLV	SP13-VLV01	Aircraft Washrack	SAN/STM(AUTO)
VLV	SP35/40-VLV01	Aircraft Maintenance/AFFF Isolation	SAN/AFFF(AUTO)
VLV	SP36-VLV01	Aircraft Maintenance/AFFF Isolation	SAN/AFFF(AUTO)
OWS	SP36-OWS01	Aircraft Maintenance	
OWS	SP38-OWS01	Engine Test Pad	
OWS	SP38-OWS02	Engine Test Pad	
VLV	SP38-VLV01	Engine Test Pad	SAN/STM(MAN)
VLV	SP38-VLV02	Engine Test Pad	SAN/STM(MAN)
OWS	SP40-OWS01	Aircraft Maintenance	
OWS	SP40-OWS02	Aircraft Washrack	
ST	SP40-ST01	Aircraft Washrack	
VLV	SP40-VLV01	Aircraft Washrack	SAN/STM(AUTO)
VLV	SP126-VLV01	Sludge Dewatering Slab	NF/SAN(MAN)
SDS	SP125-SDS01	Sludge Dewatering Slab	

SPECIAL CONDITIONS (Cont'd)

Addendum 04/13/11

#1 (99th Street), DENT (Dental Clinic), SSP (S&S Piers), Joint Forces Staff College:

Type[1]	Facility	Operation	Valve [2]
SDS	SP125-SDS02	Sludge Dewatering Slab	
OWS	SP300-OWS02	Engine Maintenance Bay	
NT	SP300-NT01	Battery Shop	
SRU	SP300-SRU01	NDI	
OWS	SP296-OWS01	Aircraft Washrack	
VLV	SP296-VLV01	Aircraft Washrack	SAN/STM(AUTO)
OWS	SP356-OWS01	GSE Maintenance Trench Drain	
VLV	U128-VLV01	Vehicle Washrack	SAN/STM(AUTO)
OWS	U128-OWS01	Vehicle Washrack	
ST	U128-ST01	Vehicle Washrack	
OWS	U115-OWS01	POV Washrack	
ST	U115-ST01	POV Washrack	
OWS	U126-OWS01	POV Maintenance	
OWS	V70/V71-OWS01	Aircraft Maintenance	
OWS	V70-OWS02	Aircraft Washrack	
VLV	V70/V71-VLV01	Aircraft Maintenance/AFFF Isolation	SAN/AFFF(AUTO)
VLV	V70-VLV02	Aircraft Washrack	SAN/STM(AUTO)
OWS	V88-OWS01	Boat Washrack	
OWS	V147-OWS01	Aircraft Maintenance	
VLV	W146-VLV01	Fire Truck Washrack	SAN/STM(AUTO)
OWS	W388-OWS01	Fuel Lab Operation	
OWS	W131-OWS01	Forklift Washrack	
ST	W131-ST01	Forklift Washrack	
ST	MCE3-ST01	Commercial Car Wash	
ST	MCE3-ST02	Commercial Car Wash	
ST	MCE3-ST03	Commercial Car Wash	
ST	MCE3-ST04	Commercial Car Wash	
OWS	Z309-OWS01	Materials Recovery Floor Drain	
OWS	Z309-OWS02	Materials Recovery Trench Drain	
OWS	Z309-OWS03	Washrack	
VLV	Z309-VLV01	Washrack	SAN/STM(AUTO)
ST	Z309-ST01	Washrack	
NT	Z312-NT01	Steam Plant (Neutralized Regeneration Wastes and boiler blowdown)	
PSW	CEP9-OWS01	Sewage Pump Stations (Pier 24, 24T, 25, 25T)	
PSW	CEP186-OWS01	Sewage Pump Stations (Pier 20, 21, 23)	
PSW	Q81-OWS01	Sewage Pump Station (Pier 12)	
PSW	Q95-OWS01	Sewage Pump Station (Pier 11)	
PSW	W385-OWS01	Sewage Pump Stations (Piers 3 – 10)	

SPECIAL CONDITIONS (Cont'd)

Addendum 04/13/11

#1 (99th Street), DENT (Dental Clinic), SSP (S&S Piers), Joint Forces Staff College:

[1] Key to Pretreatment Facility Types:

HT - Holding Tank
NT - Neutralization Tank
OWS - Oil/Water Separator
PSW - Pump Station Wetwell
SDS - Sludge Dewatering Slab
ST – Sedimentation Trap
SRU - Silver Recovery Unit
VLV - Valve
PULP – Galley Pulper

[2] Key to Valves:

SAN – A valve that controls discharge to the sanitary sewer system.

SAN/STM – A diversion valve used to direct rainwater to storm drain (STM) and wastewater to the sanitary sewer system (SAN).

AUTO – Automatic

MAN – Manual

NF – No Flow

AFFF – Aqueous Film Forming Foam (AFFF) isolation valve or diversion valve to holding tank.

All SAN Valves, SAN/STM diversion valves and AFFF Diversion valves must be operated and maintained according to the manufacturer's specifications at all times.

SPECIAL CONDITIONS (Cont'd)
Addendum 07/16/10

SSP (S&S Piers):

The Permittee must notify the HRSD Pretreatment & Pollution Prevention Division immediately of any discharge bypass of Building CEP-9 (Pump Station #5) or Building CEP-186 (Pump Station #4).

CHT hydroblast must be reported, sampled, and analyzed according to instructions given by the HRSD Pretreatment & Pollution Prevention Division. Discharge of CHT hydroblast wastes shall require prior approval of the HRSD Pretreatment & Pollution Prevention Division.

FFS (Firefighting School):

The pretreatment system shall be maintained in accordance with manufacturer's specifications at all times. Propane Separators (SDA-338OWS-01, 339OWS-01, 340OWS-01, 341OWS-01, 342OWS-01, 346OWS-01), the Grit Screen Sedimentation Trap (FFS-ST01), and the Settling/Holding Tanks (FFS Settle 01 & 02) shall be inspected and maintained as needed. All residual materials removed from the Firefighting School pretreatment system shall not be discharged directly or indirectly into the HRSD system.

Discharge of process wastewater from the Advanced Firefighting Training Facility shall occur between the hours of 0800 and 1700, Monday through Sunday. Discharge volumes shall not exceed 90,000 gallons per day on Monday through Friday. Discharge volumes shall not exceed 50,000 gallons per day on Saturday or Sunday.

A log must be maintained that indicates the date, tank sounding, volume, and discharge start and stop times for each discharge from the equalization tanks. The log should not be submitted to this office, but shall be maintained on site for a period of at least three (3) years. The log shall be available for review by HRSD personnel at all times.

There shall be no discharge of firefighting wastes which cause foaming in the HRSD interceptor system or any wastewater treatment plant.

In order for the HRSD Pretreatment & Pollution Prevention Division to accomplish its sampling, the Pretreatment & Pollution Prevention Division must be notified monthly no less than forty-eight (48) hours prior to the first discharge of pretreated Firefighting School wastes.

NNSY (CEP-200):

There shall be no discharge of wastewater from the underground storage tanks to the sanitary sewer system.

GENERAL
SPECIAL CONDITIONS

Joint Forces Staff College:

The active pretreatment devices listed in this section shall be maintained in accordance with manufacturer's specifications at all times.

#1 (99th Street), DENT (Dental Clinic), SSP (S&S Piers), FFS (Firefighting School), Joint Forces Staff College:

Wastewaters containing or possibly contaminated with hydrazine, morpholine, TBT and any wastes not referenced above (including CHT hydroblast) must be reported, sampled, and analyzed according to instructions given by the HRSD Pretreatment & Pollution Prevention Division. Discharge of these wastes shall require prior approval of the HRSD Pretreatment & Pollution Prevention Division and must show compliance with any appropriate HRSD issued limitation or condition.

Wastes containing TBT shall be held in segregated batches and shall not be waste-mixed without prior approval of the Pretreatment & Pollution Prevention Division.

There shall be no discharge of wastewaters that contain hydrazine, morpholine, or TBT in concentrations above detectable levels as determined using EPA/HRSD approved methodologies.

There shall be no discharge, either directly or indirectly into the HRSD system, of any wastes associated with the Dental Clinic Amalgam Recovery System.

Food service grease traps shall be maintained according to the manufacturer's specifications at all times. Food Service Grease Trap residuals shall not be discharged directly into the HRSD system, however, food service grease trap residuals may be discharged indirectly by waste haulers holding HRSD Indirect Wastewater Discharge Permits at locations authorized by HRSD.

The Permittee must notify the HRSD Pretreatment & Pollution Prevention Division prior to treating or discharging any process wastes from any categorical user. Discharge of categorical wastes shall require prior authorization from the HRSD Pretreatment & Pollution Prevention Division.

Permit violations must be reported to the HRSD Pretreatment & Pollution Prevention Division in accordance with Section 302 of the HRSD Industrial Wastewater Discharge Regulations.

GENERAL
SPECIAL CONDITIONS (Cont'd)

The Permittee is responsible for resampling and analysis of any violated parameter based on self-monitoring within thirty (30) days of becoming aware of the violation.

The Permittee must notify the HRSD Pretreatment & Pollution Prevention Division, in writing, no less than two weeks prior to any major sanitary sewer line cleaning in order to determine appropriate wastewater treatment, disposal, or monitoring requirements.

#1 (99th Street), DENT (Dental Clinic), SSP (S&S Piers), FFS (Firefighting School), Joint Forces Staff College:

Oil & grease accumulation shall be cleaned from all waterfront pump station wetwells at least quarterly.

A daily petroleum/mineral-based oil & grease inspection log must be maintained for all waterfront pump stations (CEP 186, CEP 9, Q 81, Q 95 and W 385). The inspection log must show the inspector's initials, date/time, positive or negative entry for the presence of petroleum/mineral-based oil & grease using the oil detection probe and visual observations and indicate actions taken if petroleum/mineral-based oil & grease is present.

Days for which waterfront pump station petroleum/mineral oil inspections are not performed will be reviewed on a case-by-case basis. HRSD acknowledges that certain emergency situations may occasionally prevent completion of the waterfront pump station inspections. However, should HRSD deem that a chronic or consistent failure to perform the daily inspections exists, then daily inspection requirement will be enforced without exception.

Waterfront Pump Station Oil Recovery Procedures

The following procedures must be implemented when monitoring and responding to the positive detection or observation of petroleum or mineral based oil & grease (oil) in pump stations CEP-9, CEP-186, Q-81, Q-95, or W-385 (waterfront pump stations):

Any positive detection or observation of oil, either by the oil detection probe or visual observation, at any waterfront pump station shall require immediate response involving oil recovery efforts. In addition, pump station wetwell levels shall be maintained so as to minimize the downline pumping of the accumulated oil, until all oil has been removed from the pump station. In the event the accumulated oil can not be retained in the upper level of the waterfront pump station wetwell, the pumps shall be disabled until the oil is removed from the wetwell. All detections/observation and oil recovery actions must be noted in the log.

GENERAL
SPECIAL CONDITIONS (Cont'd)

Any positive detection or observation of oil in any waterfront pump station must be immediately followed by an inspection of the flow entering the HRSD 99th Street pump station influent manhole or the CEP-167 pump station influent wetwell (as applicable) to determine if the oil detected in the waterfront pump station was subsequently discharged to either the HRSD 99th Street pump station or the CEP-167 pump station.

In the event a subsequent positive observation or detection of oil is identified in either HRSD's 99th Street pump station influent manhole or the CEP-167 pump station influent manhole (as applicable), the detection or observation must be immediately reported to the HRSD Pretreatment & Pollution Prevention Division, and oil recovery actions must be initiated immediately. In the event no subsequent positive detection or observation of oil is made at HRSD's 99th Street pump station influent manhole or the CEP-167 pump station influent manhole (as applicable), oil removal procedures must be continued at the waterfront pump and recovery procedures must be documented in the pump station log until all residual oil has been removed.

In addition, any vessel subsequently identified as the oil discharge source must be immediately disconnected from the CHT discharge system and shall not reconnect to the system until the oil issues have been resolved by the Navy. The HRSD Pretreatment & Pollution Prevention Division must be notified upon discovery of O&G resulting from vessel discharges and immediately after corrective actions have occurred.

Any oil accumulation subsequently detected or observed in HRSD's 99th Street pump station bar screen and/or influent manhole, including oil contaminated solids shall be removed by the Navy. Further, HRSD will immediately contact the Navy upon any determination by HRSD to take action to remove the oil accumulation, in order to allow the Navy an opportunity to take action itself. In the event HRSD determines that the Navy is unable to initiate a timely response to remove the oil accumulation, HRSD shall initiate spill recovery actions.

In the event Navy personnel or Navy contractors enter HRSD's 99th Street pump station bar screen area, confined space entry procedures must be observed at all times.

Weekly grab samples for total oil & grease (with the petroleum/mineral oil fraction obtained if the total oil and grease concentration exceeds 50 ppm) and a weekly composite sample for Copper (Cu) and Zinc (Zn) shall be obtained from all waterfront pump stations. The data shall not be submitted to HRSD, but shall remain on file for a minimum of three years for review by HRSD staff.

GENERAL
SPECIAL CONDITIONS (Cont'd)
Addendum 07/16/10

There shall be no visible free oil present at any time in the facility's permitted sampling points.

Equipment, vehicle and aircraft washing wastes generated from facilities equipped with SAN/STM valves shall only be routed to the sanitary sewer during the washing event. At all other times the valves shall be diverted to the storm sewer system.

There shall be no discharge of wastewater that has been in contact with Aqueous Film Forming Foam (AFFF) either directly or indirectly into the HRSD system.

In accordance with Section 206 of the HRSD Industrial Wastewater Discharge Regulations, a permit renewal application must be received in this office at least 180 days prior to the expiration date of the existing Permit. Transmitting data by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

P-1 and Z-312 demineralizer regeneration wastes must be greater than or equal to pH 5.0 s.u. prior to discharge to the sanitary sewer. Records of the discharge pH of all demineralizer regeneration wastes shall be maintained. The records shall not be submitted to this office, but shall be available for inspection by HRSD personnel at all times. These records shall be maintained for a minimum of 3 years.